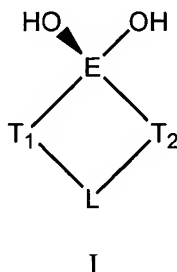


ANTI-BACTERIAL AGENTS BASED UPON OXOANION BINDING

Abstract of the Disclosure

Compounds of the structure I:



are useful for treating bacterial growth, wherein E is selected from the group consisting of B, P, and S, T₁ and T₂ are each independently selected from the group consisting of O, NR, and CH₂, where R = H or C₁-C₈ alkyl, or C₁-C₈ oxoalkyl, and L is selected from the group consisting of ethylene, propylene, and four to six-membered alicyclic and aromatic rings, provided that structure I does not include AI-2-borate. The compounds may be used to treat bacterial infections in human beings and to regulate biofilm formation. Pharmaceutical compositions comprising one or more such compounds are useful for treating bacterial infections in human beings.

PATENT

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